

The following terminology shall be followed for Annexure-I

Bidder means BHEL

Bidder's sub vendor means manufacturer

10.3 Provenness criteria for critical equipment, auxiliaries and bought out items:

The Bidder / Bidder's sub-vendor(s) is required to meet the provenness criteria and/or qualification requirement for critical equipment and bought out items as per criteria stipulated below:

Slurry Recirculation Pumps, Oxidation Blowers, Wet Limestone Grinding Mills, Slurry Pumps, Agitators, Vacuum Belt Filters and Gas to Gas Heat exchanger



(GGH) for the Wet Limestone based Flue Gas Desulphurization (FGD) System offered by the Bidder shall be only from such manufacturer(s) who has previous experience of manufacturing and supplying the respective equipment(s) of the type, application and minimum equipment rating as stipulated below such that the respective equipment(s) should have been in successful operation in at least one (1) plant for a period not less than one(1) year prior to the date of Techno-Commercial bid opening.

Type and Rating for Qualification

Sl. No.	Name of Equipment	Type of Equipment	Application	Equipment Rating
(a)	Slurry Recirculation Pumps	Centrifugal type	Wet Limestone based FGD application in Coal fired power plant	Flow 12000 m ³ /hr (minimum) with Head 29 meters of liquid column(minimum)
(b)	Oxidation Blowers	Rotary, positive displacement type blower	Wet Limestone based FGD application in Coal fired power plant	Flow 8500 Nm ³ /hr (minimum) with Head 11000 mmWC (minimum)
(c)	Wet limestone Grinding mills	Wet Ball mill	Wet Limestone based FGD application in Coal fired power plant	Capacity – 12 T/hr (minimum) with pulverizing fineness not less than 90% thru 325 mesh
(d)	Slurry Pumps	Centrifugal type	Wet Limestone	Flow 50 m ³ /hr



			based FGD (minimum) with application or Head 30 Meters similar process/duty of Liquid Column application. (minimum)	
(e)	Agitators	Vertical/Horizontal	Wet Limestone based FGD application in Coal fired power plant	Agitator rating not less than that supplied for 500 MW or higher size unit for similar application
(f)	Vacuum Belt filters	Belt type	Wet Limestone based FGD application in Coal fired power plant	Capacity – 15 T/hr (Min)
(g)	Gas to Gas Heat Exchanger (GGH)	Rotary regenerative type with vertical axis of rotation (Or) with Heat Pipe Type	Wet Limestone based FGD application in Coal fired power plant	Capable of handling flue gas flow equivalent to 500 MW or more.

Bidder shall offer and supply only the type of above equipment (s) for which he himself or the manufacturer proposed by the bidder for the above equipment(s) is qualified.